


The City of San Diego

Park and Recreation Board

## Drought Alert: New Restrictions and Programs

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November 2014

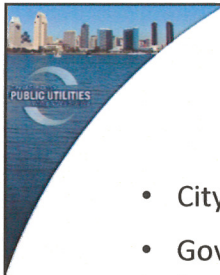


PUBLIC UTILITIES

## 5 Levels of Drought

- Water Waste Prohibitions (Permanent)
- Level 1 – Drought Watch Condition (Voluntary)
- Level 2 – Drought Alert Condition
- Level 3 – Drought Critical Condition
- Level 4 – Drought Emergency





## Background

- City created Permanent Water Use Restrictions in 2009
- Governor declared statewide drought on January 17, 2014 as winter months brought very little precipitation
- City of San Diego implemented the Drought Watch (Level 1) in July 1, 2014
- City Council Declared Drought Alert (Level 2) restrictions effective November 1, 2014



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## Permanent Water Use Restrictions

*SDMC 67.3803 in effect at all times, synopsized below*

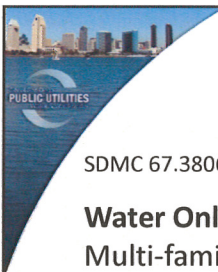
- 1) No runoff due to excessive irrigation
- 2) No watering after 10 am and before 4 pm (winter)/before 6 pm (summer) *with some exceptions*
- 3) No washing of paved areas with hose
- 4) Repair leaks upon discovery or within 72 hours of notification





## Permanent Water Use Restrictions (cont.)

- 5) No non-recirculating decorative water fountains
- 6) No overfilling swimming pools and spas
- 7) Car washing only in a commercial car wash or using a hose with shutoff nozzle or a bucket
- 8) New buildings must recycle cooling system water and car wash water
- 9) Restaurants will only serve and refill water upon request
- 10) Hotel guests must have the option of not laundering towels and linens daily



## Drought Alert effective November 1, 2014

SDMC 67.3806 Level 2 synopsized below

### **Water Only 3 Assigned Days A Week**

Multi-family, parks and businesses: Water ONLY on Mondays, Wednesdays & Fridays.

### **Water the Right Amount**

November 1 to May 31, water for ONLY 7 MINUTES when using a standard fan spray sprinkler system.

June 1 to October 31, water for ONLY 10 MINUTES when using a standard fan spray sprinkler system.

### **Water at the Right Time**

Before 10 am or after 4pm from November 1 to May 31.

Before 10 pm or after 6 pm from June 1 to October 31.







## Standard Fan Spray

10 minutes summer / 7 minutes winter



## Efficient Sprinkler Heads

No run time restriction







## Drought Alert (cont)

Stop ornamental fountains, except for maintenance purposes.



## Drought Alert (cont)

### Req. Maintenance hours

Bea Evenson	Daily run time of 5 hours
Plaza de Panama	Daily run time of 4 hours
Chicano Park	Daily run time of 3 hours
Bow Fountain	Daily run time of 4 hours

*All other fountains have been turned down to eliminate jets of water and signs posted.*





## Drought Alert (cont)

Irrigation is permitted any day at any time as follows:

- As required by a landscape permit.

- For erosion control.

- For establishment, repair or renovation of public use fields for schools and parks.

- For landscape establishment following a disaster.

Use a hand-held hose equipped with a positive shut-off nozzle or timed sprinkler system to water landscaped areas.



## Drought Alert (cont)

No washing of vehicles allowed during the following times:

- 10 am to 4 pm from November 1 to May 31.

- 10 am to 6 pm from June 1 to October 31.

Washing is permitted at any time at a commercial car wash.

Use recycled or non-potable water for constructions purposes when available.





## Alternative for Large Landscapes (ALL)

Pilot program available to sites with 3 acres or more of turf used for the function of the business: golf courses, parks, cemeteries etc.

A base line water budget is set using industry standards as described in Assembly Bill 1881

Participating sites agree to use 5% less water than mandated by the Mayor (annual basis)

Site is allowed to manage water without day of week or time of day restrictions.



## Alternative for Large Landscapes (ALL)

Park Sites that have applied for this pilot program:

Balboa Golf Course  
Torrey Pines Golf Course  
Mission Bay Golf Course

First year of monitoring will be 2015



Similar program has been very successful in Los Angeles





## Water Waste

[waterwaste@sandiego.gov](mailto:waterwaste@sandiego.gov)

Hotline 619 533-5271

- New Smart phone app:
  - **Waste no Water**
  - Take a picture, select a problem, send
- Always identify where the water comes from with a full street address

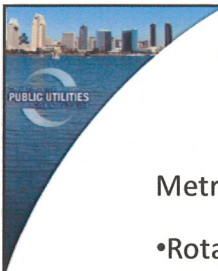


## Commercial Landscape Survey

619 570-1999

- Irrigation Meters
- Review irrigation system – on site
- Review water use history
- Provide a report summarizing irrigation problems, recommended water Use compared to existing water use and suggested schedules





## Incentives/Rebates

Metropolitan Water District: [socalwater.com](http://socalwater.com)

- Rotating nozzles
- Smart Controllers
- Soil Sensors
- \$2/Square foot for turf conversion



## PAL Incentives/Rebates

The Public Agency Landscape program (PAL) offers enhanced incentives paid up-front for public agencies to install water-efficient landscape devices at their facilities and on their grounds.

### Incentive Amounts

Eligible Devices	Standard Incentive	Public Agency Incentive
<b>Weather-Based or Central Computer Irrigation Controller</b>	\$35 per station	<b>\$55 per station</b>
<b>Soil Moisture Sensor Systems</b> <i>Connected to irrigation controller</i>	\$35 per station	<b>\$55 per station</b>
<b>Large Rotary Nozzles</b> <i>Minimum 8 sets of two (2) per application</i>	\$13 per set	<b>\$13 per set</b>
<b>Rotating Nozzles for pop-up spray heads</b> <i>Minimum 15 per application</i>	\$4 each	<b>\$6 each</b>



Public agencies can also receive no-cost landscape irrigation audits.



## Incentives/Rebates

San Diego County Water Authority sponsored rebates for  
turf conversion \$1.50/SF

**[turfreplacement.watersmartsd.org/](http://turfreplacement.watersmartsd.org/)**



## Any Questions?



*Thank you*

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